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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/511,898	10/20/2004	Gaetan Offredo	Q83178	6422

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SUGHRUE MION, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON, DC 20037

EXAMINER

COLAN, GIOVANNA B

ART UNIT	PAPER NUMBER
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2162

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	01/03/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

10/511,898

Applicant(s)

OFFREDO ET AL.

Examiner

Giovanna Colan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 October 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 11 October 2006 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

1. This action is issued in response to the Amendment filed on 10/11/2006.
2. Claims 1 – 14 were amended. No claims were canceled. Claims 15 – 18 were added.
3. This action is made Final.
4. Claims 1 – 18 are pending in this application.
5. Applicant's arguments filed on 10/11/2006 have been fully considered but they are not persuasive.

Drawings

6. The newly amended drawings are objected to because they do not show a legend for clarification of the items; and they are crossed out.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering

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of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Appropriate correction is required.

Claim Objections

7. Claims 15 – 16 are objected to because of the following informalities:

Claims 15 – 16 include parenthesis in the claim language.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

9. **Claims 1 – 14 are rejected under 35 U.S.C. 102(e) as being anticipated by Underwood (US Parent No. 6,704,873 B1, filed July 30, 1999).**

Regarding Claim 1, Underwood discloses a data processing device adapted to be installed in a data processing server adapted to receive primary data and to transmit said primary data after application of dedicated processing based on primary rules by control means, comprising:

a first table storing sets of at least one primary rule, called "primary metarules", in a parameterizable form and in corresponding relationship to primary identifiers and (Col. 116, lines 47 – 50; ... stored parameters ... validates the user's entry by checking for existence on the "State Tax Table", Underwood); and

management means adapted to be coupled to said control means and (Col. 127, lines 58 – 64, management controllers, Underwood), on receipt of auxiliary data representing operating parameters delivered by said control means after reception by the server of secondary data (Col. 137, lines 8 – 11, Underwood¹), to select at least one of the primary identifiers in the first table (Col. 139 and 140, lines 47 – 54 and 7 – 10, ... retrieve a user's information from the Membership Directory...; respectively, Underwood) and associate said auxiliary data therewith so as to define said dedicated processes (Col. 139 and 140, lines 47 – 54 and 7 – 10, " ... binding to the current user's information in the Membership Directory ...", and "... maps Membership groups to proxy Windows NT groups accounts to determine a member's security permissions ..."; respectively, Underwood).

¹ Wherein information such as the computer name, user name, and password correspond to the auxiliary data claimed.

Regarding Claim 2, Underwood discloses a device, further comprising a second table accessible to said management means in which are stored secondary identifiers each in corresponding relationship to at least one selected primary identifier associated with auxiliary data (Col. 118 and 119, lines 47 – 52 and 51 – 53; respectively, Underwood).

Regarding Claim 3, Underwood discloses a device, wherein said management means are adapted, on receipt of said auxiliary data, to determine whether the at least one selected primary identifiers corresponding to the type of said auxiliary data is present in the secondary table (Fig. 142, Team Membership table, Col. 140, lines 28 – 37, looks for the two cookies, Underwood), and to associate the at least one selected primary identifier with new auxiliary data so as to adapt said dedicated processes (Col. 140, lines 41 – 44, if the cookies don't exist the filter then the ISAPI filter creates and binds to a new member in the Membership Directory, Underwood).

Regarding Claim 4, Underwood discloses a device, wherein certain selected primary metarules in the second table are grouped into secondary metarules represented by secondary identifiers (Col. 24 and 283, lines 41 – 42 and 57 – 59, and 9 – 14; respectively, Underwood²).

² Wherein the generic rule set corresponds to the primary metarules claimed; and the additional access control rules correspond to the secondary metarules claimed.

Regarding Claim 5, Underwood discloses a device, wherein said management means comprise a multiplicity of management submodules each adapted to manage the association of auxiliary data with at least one primary or secondary metarule (Fig. 21A, items 2102 and 2104, Col. 71, lines 51 – 59, Underwood) and are adapted, on receipt of said auxiliary data, to determine which of said management submodules corresponds thereto (Fig. 21A, items 2106 and 2108, Col. 71, lines 59 – 65, Underwood³).

Regarding Claim 6, Underwood discloses a device, wherein that said management means are adapted, on receipt of said auxiliary data communicated by the server, to add, delete or modify primary or secondary metarules or auxiliary data in the second table associated with said primary or secondary metarules (Col. 119, lines 25 – 34, manipulate (insert, update, delete), Underwood).

Regarding Claim 7, Underwood discloses a device, wherein that said management means and said tables are part of a metafirewall adapted to manage a firewall equipping said server (Col. 269, lines 11 – 14 and 25 – 28, rules as those governing packet filters and are based on the IP addresses and port numbers of client and server, Underwood).

Regarding Claim 8, Underwood discloses a firewall comprising a device (Col. 270, lines 63 – 67, Underwood).

³ Wherein the step of identifying a skill set required and determining a current skill set corresponds to the

Regarding Claim 9, Underwood discloses a data processing method consisting in applying dedicated processes based on primary rules to primary data received by a data processing server so that the received primary data is processed before being transmitted by said server, comprising:

a preliminary step in which there are stored in a first table sets of at least one primary rule, called "primary metarules", in a parameterizable form and in corresponding relationship to primary identifiers (Col. 116, lines 47 – 50; ... stored parameters ... validates the user's entry by checking for existence on the "State Tax Table", Underwood); and
on receipt of auxiliary data representing operating parameters delivered by the server after the receipt of secondary data (Col. 137, lines 8 – 11, Underwood⁴), at least one of the primary identifiers in the first table is selected and said auxiliary data is associated with said primary identifier so as to define said dedicated processes (Col. 139 and 140, lines 47 – 54 and 7 – 10, "... binding to the current user's information in the Membership Directory ...", and "... maps Membership groups to proxy Windows NT groups accounts to determine a member's security permissions ..."; respectively, Underwood).

Regarding Claim 10, Underwood discloses a method, characterized in that, wherein during the preliminary step, secondary identifiers each in corresponding

step of determining which management modules corresponds thereto as claimed.

relationship to at least one selected primary identifier associated with auxiliary data are stored in a second table (Col. 118 and 119, lines 47 – 52 and 51 – 53; respectively, Underwood).

Regarding Claim 11, Underwood discloses a method, wherein on receipt of the auxiliary data, it is determined whether the at least one selected primary identifiers that corresponds to the type of auxiliary data is present in the second table (Fig. 142, Team Membership table, Col. 140, lines 28 – 37, looks for the two cookies, Underwood), and to associate the at least one selected primary identifier with new auxiliary data so as to adapt said dedicated processes (Col. 140, lines 41 – 44, if the cookies don't exist the filter then the ISAPI filter creates and binds to a new member in the Membership Directory, Underwood).

Regarding Claim 12, Underwood discloses a method, wherein certain primary metarules in the second table are grouped into secondary metarules represented by secondary identifiers (Col. 24 and 283, lines 41 – 42 and 57 – 59, and 9 – 14; respectively, Underwood⁵).

Regarding Claim 13, Underwood discloses a method, wherein there are executed in parallel the selection of the primary or secondary metarules in the first table

⁴ Wherein information such as the computer name, user name, and password correspond to the auxiliary data claimed.

⁵ Wherein the generic rule set corresponds to the primary metarules claimed; and the additional access control rules correspond to the secondary metarules claimed.

(Col. 139, lines 57 – 62, choose the type of authentication, Underwood) and the modification of the auxiliary data in the second table associated with the secondary identifier representing the selected primary or secondary metarules (Col. 140, lines 41 – 44, filter creates and binds to a new member, Underwood).

Regarding Claim 14, Underwood discloses a method, wherein, on receipt of complementary data communicated by said server, primary or secondary metarules are added to, deleted from or modified in the second table (Col. 119, lines 25 – 34, manipulate (insert, update, delete), Underwood).

Regarding Claim 15, Underwood discloses a network data processing device, comprising:

a network data processing module (Col. 11, lines 21 – 31, Underwood); and
a management module coupled to said network data processing module, said management module comprising a first memory containing a first table (Col. 116, lines 47 – 50; ... stored parameters ... validates the user's entry by checking for existence on the "State Tax Table", Underwood), said first table being adapted to contain primary identifiers associated with at least one parameterized rule (Col. 116, lines 47 – 50; ... stored parameters ... validates the user's entry by checking for existence on the "State Tax Table", Underwood) for providing direction to said network data processing module when one or more of (a) said primary identifiers and (b) said at least one parameterized rule are associated with at least one parameter value (Col. 139 and 140, lines 47 – 54

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and 7 – 10, “ ... binding to the current user’s information in the Membership Directory ...”, and “... maps Membership groups to proxy Windows NT groups accounts to determine a member’s security permissions ...”; respectively, Underwood);

wherein said network data processing module, in response to receiving said direction, manages network data according to said direction (Col. 11 and 140, lines 21 – 31 and 48 – 52; respectively, Underwood).

Regarding Claim 16, Underwood discloses a device, said management module further comprising a second memory containing a second table, said second table being adapted to contain secondary identifiers associated with at least one of said primary identifiers and one or more respective parameter values (Col. 118 and 119, lines 47 – 52 and 51 – 53; respectively, Underwood).

Regarding Claim 17, Underwood discloses a method of processing network data, comprising:

storing as entries in a first table, primary identifiers, each with one or more associated parameterized rules (Col. 116, lines 47 – 50; ... stored parameters ... validates the user’s entry by checking for existence on the “State Tax Table”, Underwood);

receiving data comprising at least one parameter value (Col. 139, lines 44 – 49, ... aggregates all of user’s attributes ..., Underwood); and

making a determination whether said parameter value can be associated with an existing one of the entries in said first table (Col. 140, lines 7 – 10, Underwood);

when the determination is affirmative, making a combination of said parameter value and said associated parameterized rules, and communicating said combination to a network data processing module so as to direct said network data processing module (Col. 140, lines 37 – 39, Underwood).

Regarding Claim 18, Underwood discloses a method of processing network data, comprising:

storing as entries in a first table, first primary identifiers, each with one or more associated parameterized rules (Col. 116, lines 47 – 50; ... stored parameters ... validates the user's entry by checking for existence on the "State Tax Table", Underwood);

storing as entries in a second table, secondary identifiers, each with one or more associated second primary identifiers and one or more associated parameter values (Col. 118 and 119, lines 47 – 52 and 51 – 53; respectively, Underwood);

receiving data comprising at least one new parameter value (Col. 139, lines 44 – 49, ... aggregates all of user's attributes ..., Underwood);

determining at least one associable second primary identifier which said new parameter value can be associated with (Col. 140, lines 7 – 10, Underwood);

storing said new parameter value in association with said associable second primary identifier (Col. 140, lines 37 – 43, Underwood);

determining current associated parameter values and corresponding parameterized rules for each of said secondary identifiers (Col. 139, lines 57 – 58, Underwood);

making a combination said current associated parameter values and said corresponding parameterized rules for directing said network data processing module (Col. 140, lines 37 – 41, ... the information found therein is used to authenticate and bind to a member ..., Underwood); and

communicating said combination to a network data processing module so as to direct said network data processing module (Col. 11 and 140, lines 21 – 31 and 48 – 52; respectively, Underwood).

Response to Arguments

1. Applicant argues that the prior art fails to disclose; "sets of at least one ... rule in a parameterizable form".

Examiner respectfully disagrees. The applied prior art does disclose the limitation of: sets of at least one primary rule, called "primary metarules", in a parameterizable form and in corresponding relationship to primary identifiers and (Col. 116, lines 47 – 50; ... stored parameters ... validates the user's entry by checking for existence on the "State Tax Table", Underwood). Additionally, Underwood discloses details regarding the rules (Fig. 20A, item 2002, Col. 61, lines 46 – 53, attribute rules, Underwood).

2. Applicant argues that the prior art fails to disclose; "the selection" of "primary identifiers".

Examiner respectfully disagrees. The claim language does not recite the specific wording "selection of primary identifiers". The applied prior art does disclose the claimed limitation of: select at least one of the primary identifiers in the first table (Col. 139 and 140, lines 47 – 54 and 7 – 10, ... retrieve a user's information from the Membership Directory...; respectively, Underwood).

3. Applicant argues that the prior art fails to disclose; "associate said auxiliary data therewith so as to define said dedicated processes".

Examiner respectfully disagrees. The applied prior art does disclose: associate said auxiliary data therewith so as to define said dedicated processes (Col. 139 and 140, lines 47 – 54 and 7 – 10, “ ... binding to the current user’s information in the Membership Directory ...”, and “... maps Membership groups to proxy Windows NT groups accounts to determine a member’s security permissions ...”; respectively, Underwood).

Conclusion

1. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

2. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Prior Art Made Of Record

1. Underwood (US Parent No. 6,704,873 B1, filed July 30, 1999) discloses a secure gateway interconnection in an e-commerce based environment.
2. Underwood (US Patent No. 6,718,535 B1) discloses a system, method and article of manufacture for an activity framework design in an e-commerce based environment.
3. Liu et al. (US Patent No. 6,839,680 B1) discloses an Internet Profiling.

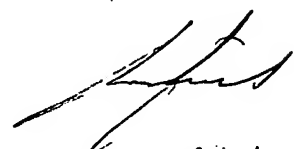
Points Of Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Giovanna Colan whose telephone number is (571) 272-2752. The examiner can normally be reached on 8:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached on (571) 272-4107. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Giovanna Colan
Examiner
Art Unit 2162
December 22, 2006


Sara Al-Hoshy